

VERSIONS

- Version **TK**: with one button
 - Version **TK-TK**: with two buttons
- Connection types
- Connection type **K**: cable.
 - Connection type **S**: plug (with 0.25 m cable).

Die-cast zinc alloy **ZD**

Epoxy resin coating

Black, RAL 9005, textured finish **SW**

Grey, RAL 9006, matte finish **SR**

Button

Stainless Steel AISI 304

Cable (Outer sheath)

Polyurethane PUR

Black

Light guide

Plastic

Crystal-clear Polycarbonate (PC)

FEATURES AND APPLICATIONS

Cabinet U-handles GN 422 come with one or two push buttons. Each button has a changeover switch and integrated LED ring lighting.

When the button is pressed, an electrical control impulse to switch off a machine, for example, can be triggered based on the wiring of the contacts (NC or NO).

Independent whether or not the button is actuated, the integrated LED ring lighting shines either red or green depending on the polarity of connections 1 and 2 of the LED.

The cabinet U-handle is functional and highly compact and can be used for any application due to its universal design.

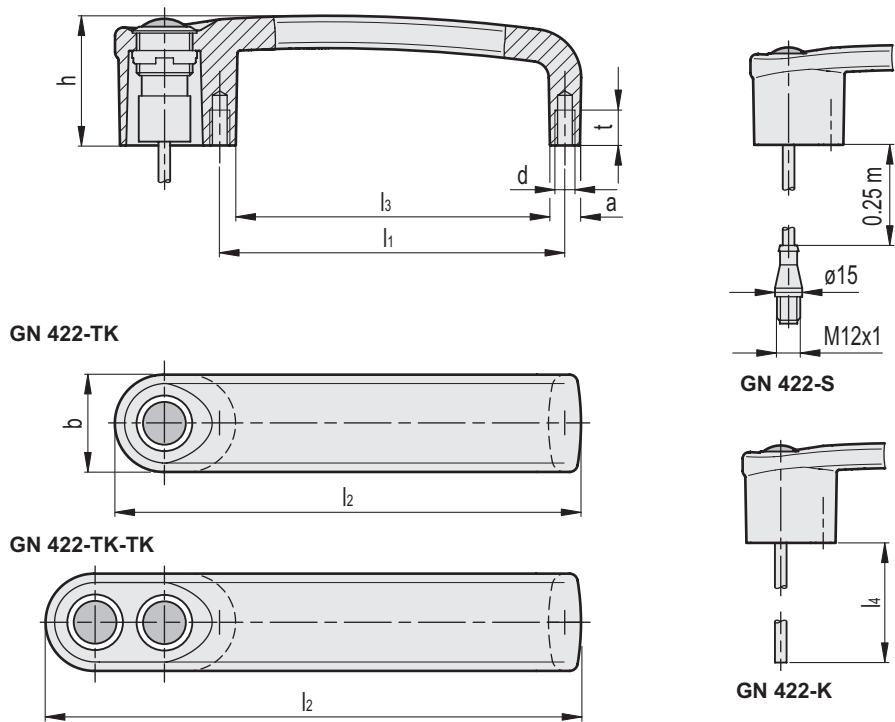
ACCESSORY

Cables with connector coupling M12x1 GN 330.



Electrical and mechanical properties

Button								
Contacts	Changeover contact, snap contact							
Contact material	Silver alloy							
Switching voltages	max. 125 V (plug) max. 240 V (cable)							
Switching current	max. 3 A							
mech. lifespan	10 ⁶ switching cycles							
elect. lifespan (Max load)	50.000 switching cycles (under full load)							
LED ring lighting								
Operating voltage / operating current								
24 V DC ± 10 % / 7 mA								
bi-color (LED1 red / LED2 green)								
Category of use (button)		AC 15: 24 V AC / 1 A / DC 13: 24 V DC / 0.7 A						
		AC 15: 110 V AC / 1 A / DC 13: 110 V DC / 0.2 A						
		AC 15: 220 V AC / 0.5 A / DC 13: 220 V DC / 0.1 A						
		AC: 120 V AC / 5 A / DC: 12 V DC / 1 A						
		AC: 240 V AC / 3 A						
		according to IEC 60947-5-1						
		according to UL 508						
Connection type								
Cable (K)	PUR cable with open stranded wires (2 m or 5 m)							
Plug connector (S)	5-pin connector M12x1 with PUR cable 0.25 m							
Protection class	IP 67	<table><tr><td>1 - green</td></tr><tr><td>2 - white</td></tr><tr><td>3 - yellow</td></tr><tr><td>4 - gray</td></tr><tr><td>5 - brown</td></tr></table>		1 - green	2 - white	3 - yellow	4 - gray	5 - brown
1 - green								
2 - white								
3 - yellow								
4 - gray								
5 - brown								
Approvals, conformity declarations		Plug connector and cable assignment						
CE marking								



GN 422-TK-K

Code	Description	d	$l_1 \pm 0.2$	b	a	h	l_2	l_3	t	Cable length [mm]	Δ
GN.42332	GN 422-33-TK-K2-SW	M6	117	33	10.2	44	158	105.5	12	2000	582
GN.42331	GN 422-33-TK-K2-SR	M6	117	33	10.2	44	158	105.5	12	2000	582
GN.42334	GN 422-33-TK-K5-SW	M6	117	33	10.2	44	181.5	105.5	12	5000	740
GN.42333	GN 422-33-TK-K5-SR	M6	117	33	10.2	44	181.5	105.5	12	5000	740

GN 422-TK-TK-K

Code	Description	d	$l_1 \pm 0.2$	b	a	h	l_2	l_3	t	Cable length [mm]	Δ
GN.42342	GN 422-33-TK-TK-K2-SW	M6	117	33	10.2	44	158	105.5	12	2000	790
GN.42341	GN 422-33-TK-TK-K2-SR	M6	117	33	10.2	44	158	105.5	12	2000	790
GN.42344	GN 422-33-TK-TK-K5-SW	M6	117	33	10.2	44	181.5	105.5	12	5000	1070
GN.42343	GN 422-33-TK-TK-K5-SR	M6	117	33	10.2	44	181.5	105.5	12	5000	1070

GN 422-TK-S

Code	Description	d	$l_1 \pm 0.2$	b	a	h	l_2	l_3	t	Δ
GN.42336	GN 422-33-TK-S025-SW	M6	117	33	10.2	44	158	105.5	12	516
GN.42335	GN 422-33-TK-S025-SR	M6	117	33	10.2	44	158	105.5	12	516

GN 422-TK-TK-S

Code	Description	d	$l_1 \pm 0.2$	b	a	h	l_2	l_3	t	Δ
GN.42346	GN 422-33-TK-TK-S025-SW	M6	117	33	10.2	44	158	105.5	12	630
GN.42345	GN 422-33-TK-TK-S025-SR	M6	117	33	10.2	44	158	105.5	12	630